1/4

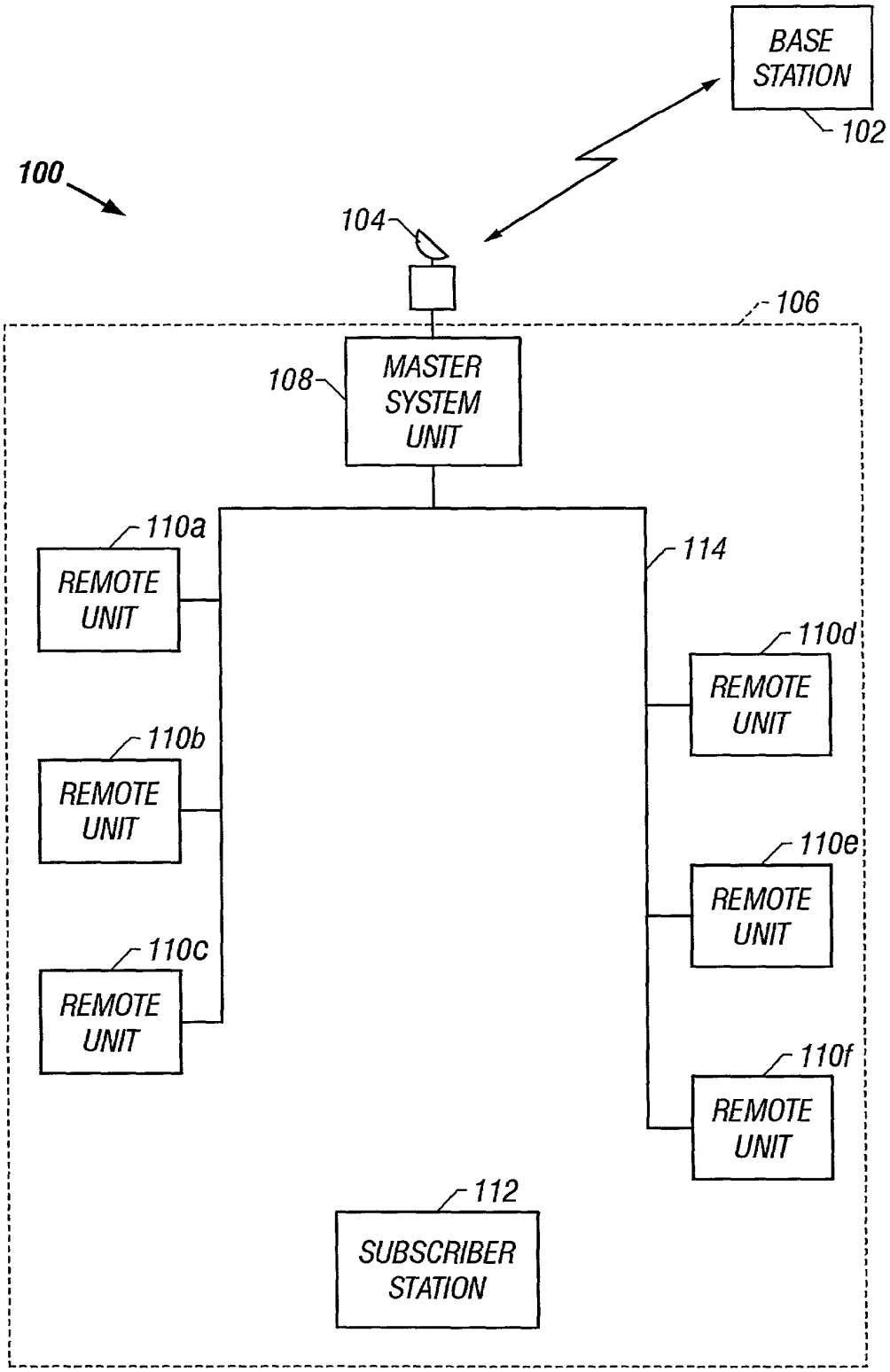
BASE STATION
102
100
104
106
108
MASTER SYSTEM UNIT
110a
REMOTE UNIT
114
110d
REMOTE UNIT
110b
REMOTE UNIT
110e
REMOTE UNIT
110c
REMOTE UNIT
110f
REMOTE UNIT
112
SUBSCRIBER STATION

FIG. 1

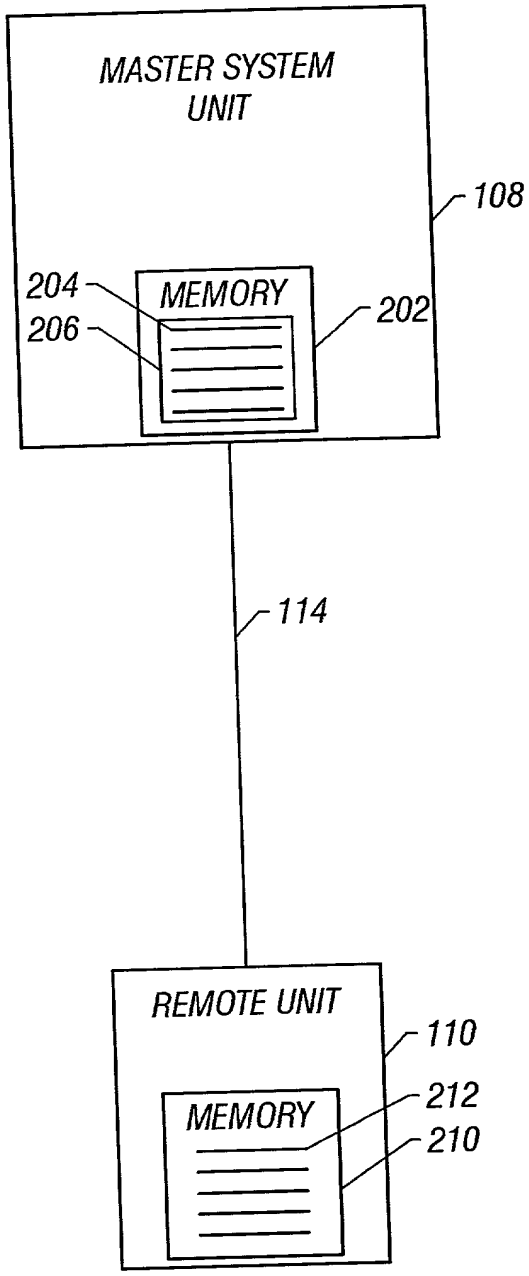
MASTER SYSTEM
UNIT
108
204
206
MEMORY
202
114
REMOTE UNIT
110
MEMORY
212
210

FIG. 2

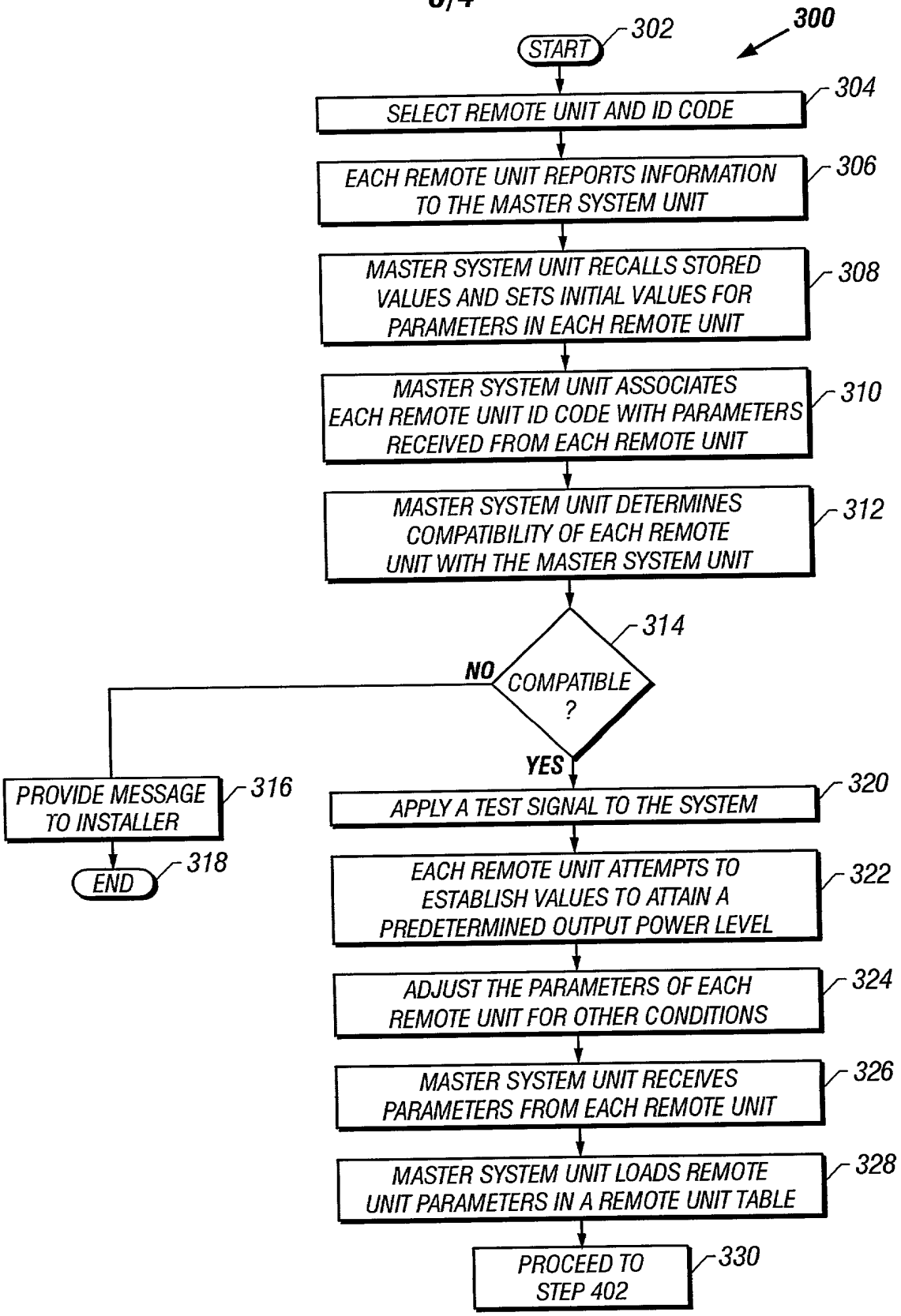
300
START
302
SELECT REMOTE UNIT AND ID CODE
304
EACH REMOTE UNIT REPORTS INFORMATION TO THE MASTER SYSTEM UNIT
306
MASTER SYSTEM UNIT RECALLS STORED VALUES AND SETS INITIAL VALUES FOR PARAMETERS IN EACH REMOTE UNIT
308
MASTER SYSTEM UNIT ASSOCIATES EACH REMOTE UNIT ID CODE WITH PARAMETERS RECEIVED FROM EACH REMOTE UNIT
310
MASTER SYSTEM UNIT DETERMINES COMPATIBILITY OF EACH REMOTE UNIT WITH THE MASTER SYSTEM UNIT
312
COMPATIBLE ?
314
NO
YES
PROVIDE MESSAGE TO INSTALLER
316
END
318
APPLY A TEST SIGNAL TO THE SYSTEM
320
EACH REMOTE UNIT ATTEMPTS TO ESTABLISH VALUES TO ATTAIN A PREDETERMINED OUTPUT POWER LEVEL
322
ADJUST THE PARAMETERS OF EACH REMOTE UNIT FOR OTHER CONDITIONS
324
MASTER SYSTEM UNIT RECEIVES PARAMETERS FROM EACH REMOTE UNIT
326
MASTER SYSTEM UNIT LOADS REMOTE UNIT PARAMETERS IN A REMOTE UNIT TABLE
328
PROCEED TO STEP 402
330

FIG. 3

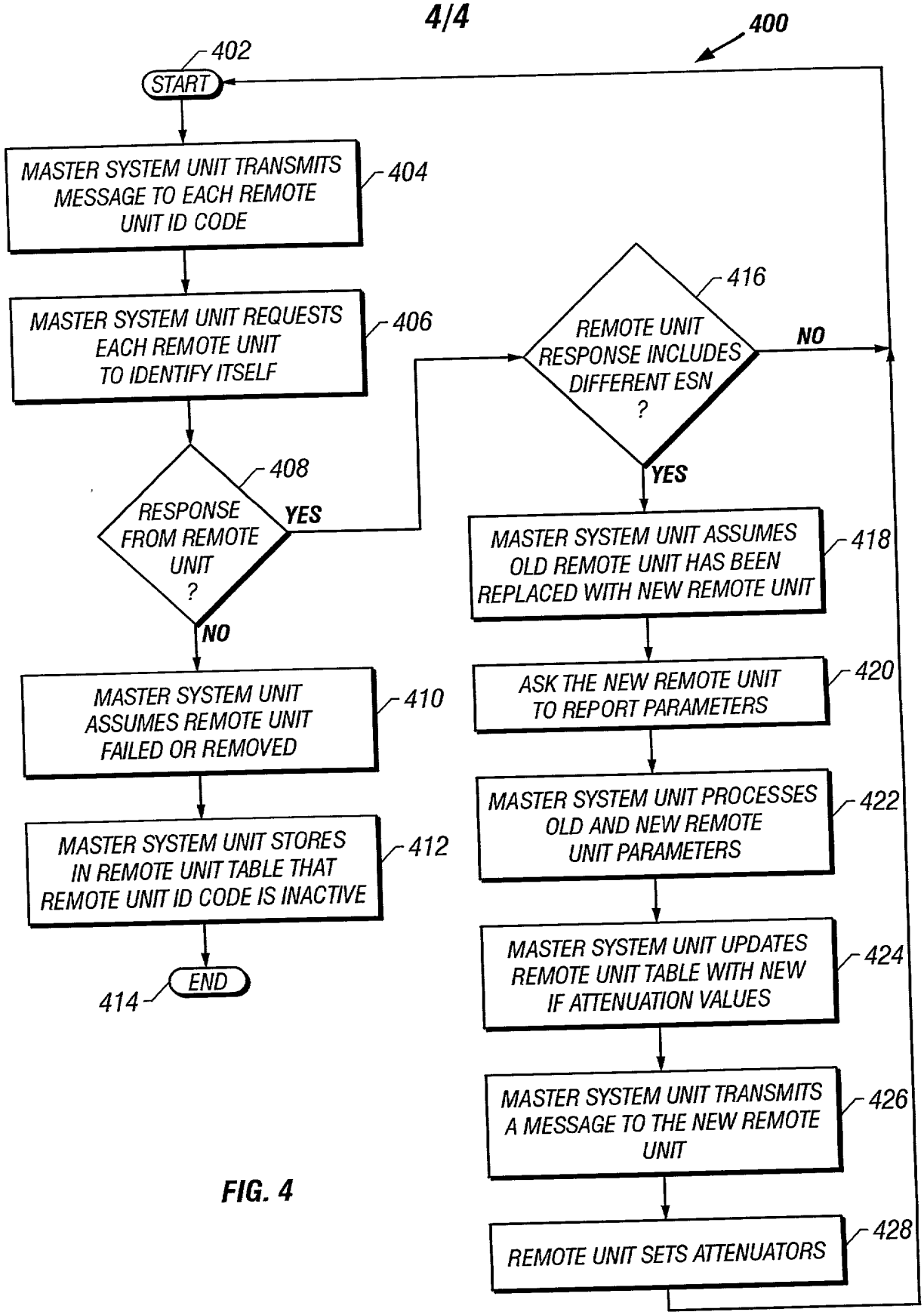
400
402
START
MASTER SYSTEM UNIT TRANSMITS MESSAGE TO EACH REMOTE UNIT ID CODE
404
MASTER SYSTEM UNIT REQUESTS EACH REMOTE UNIT TO IDENTIFY ITSELF
406
RESPONSE FROM REMOTE UNIT ?
408
YES
NO
MASTER SYSTEM UNIT ASSUMES REMOTE UNIT FAILED OR REMOVED
410
MASTER SYSTEM UNIT STORES IN REMOTE UNIT TABLE THAT REMOTE UNIT ID CODE IS INACTIVE
412
END
414
REMOTE UNIT RESPONSE INCLUDES DIFFERENT ESN ?
416
NO
YES
MASTER SYSTEM UNIT ASSUMES OLD REMOTE UNIT HAS BEEN REPLACED WITH NEW REMOTE UNIT
418
ASK THE NEW REMOTE UNIT TO REPORT PARAMETERS
420
MASTER SYSTEM UNIT PROCESSES OLD AND NEW REMOTE UNIT PARAMETERS
422
MASTER SYSTEM UNIT UPDATES REMOTE UNIT TABLE WITH NEW IF ATTENUATION VALUES
424
MASTER SYSTEM UNIT TRANSMITS A MESSAGE TO THE NEW REMOTE UNIT
426
REMOTE UNIT SETS ATTENUATORS
428

FIG. 4